

Municipal Water License Annual Report

Hamlet of Paulatuk
License # N7L3-1619
Reporting year 2011-2012



1. Water Usage

Total yearly volume withdrawn: 13665701

Table 1 – Monthly withdrawal volumes

Month	Volume from source (m3 or l)	Volume from any other source (m3 or l)
January	1061401	
February	995852	
March	1085868	
April	1024952	
May	1163313	
June	1088768	
July	1521288	
August	1120238	
September	1174679	
October	1283684	
November	1030588	
December	1115052	
TOTALS	13665701	
% Increase from previous year		

Reasons for increase / decrease (if applicable):
There are more units for housing in our community.

Reasons for exceeding licenced withdrawal volumes (if applicable):

General information:

2. Solid Waste and Sewage Disposal

Total yearly volume of sewage deposited: 13665701

Table 2 – Monthly sewage disposal volumes

Month	Volume of sewage deposited (m3 or l)
January	1061401
February	995852
March	1085868
April	1024952
May	1163313
June	1088768
July	1521288
August	1120238
September	1174679
October	1283684
November	1030588
December	1115052
TOTALS	13665701
% Increase from previous year	

Has any sludge removal been conducted this year? If so, state volume, frequency and disposal method and site:

Sludge removal is not conducted in our community.

State when the lagoon decanted this year. What was the frequency and volumes of the decant:

Decanting is not conducted in our community.

3. Hazardous Waste Storage and Transportation

On Table 3, list the types of hazardous waste accepted into the facility with volumes if known.

Table 3 - Monthly hazardous waste storage

Month	Type of hazardous waste accepted (Volume if known in m3 or l)	Type of hazardous waste transported off-site (Volume in m3 or l)
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0
TOTALS	0	0
% Increase from previous year		

If hazardous waste has been transported off-site this year, please describe how it was transported and where the final destination was.

No Hazardous Waste was accepted or transported.

Please describe any changes or improvements to hazardous waste storage areas.

The Field Staff are segregating the drums, placing them on crates to be ready for the 2012 sealift. The Foreman has been working the Dep't of Environment and Natural Resources To have the waste sent out this summer.

ENR will also be sending containers to take small hazardous waste items and will be showing the Field staff the process.

4. Problems, modifications or repairs completed during the year on water supply and waste disposal facilities

Include any changes to infrastructure to all facilities completed during the year in this section. This includes any changes, repairs and modifications. If any problems occurred during the year, please note them here. If there are no changes, make note of that.

Electrical work was completed on the Water Treatment Plant. This work needed to be completed as the Liquid Chlorine had deteriorated the electrical lines. The remainder of the chlorine was removed and in cold storage until it can be shipped on the sealift.

The Field Staff have begun separating the solid waste site. The Staff have begun separating the hazardous waste drums and crating them to ship out on the sealift.

5. Abandonment and restoration

Include any abandonment and restoration details here including and work anticipated to be completed during the next year.

We are looking forward to shipping out the hazardous waste and any and all items that is applicable through ENR, as well as getting the small hazardous waste bins on the sealift to begin collection and disposal of small items such as printer cartridges and toner.

The fencing of the solid waste site will be completed this fiscal year.

6. Unauthorized discharges

List any unauthorized discharges here, including any spills, how and when they were reported, and how they were cleaned up.

Once the disposal of the drums has been compiled and sent out on the sealift, there will be the issue of old fuel and oil which has probably contaminated the solid waste site since its conception.

7. Updates or revisions to approved plans

Details on any changes to approved plans such as the Operating and Maintenance Plan (O&M plan) or any other that is specific to your Hamlet's Water Licence.

Plans specific to your licence:

- *Spill Contingency Plan*
- *Sewage Treatment Plan*
- *Municipal Solid Waste Operations and Maintenance Plan*
- *Abandonment and Restoration Plan*

The Solid Waste site segregation is a priority we have been working on. As well this summer the staff will work on upgrading the road to the sewage lagoon as a Capital Project.

8. Studies requested by the Board

If the Board has requested that specific studies be completed or have asked for specific information be included in the annual report, include these details in this section. Include a summary of the study completed and the outcome. Include any attachments with the submission of the Annual Report. Include details any upcoming studies that will be completed by the Hamlet. Please include a copy or a summary of the studies completed.

None

9. Other Information

Include any other information here that may be valuable to the NWTWB or to INAC. . Please also include in this section non-compliance items identified in the inspection report and how the Hamlet is addressing them. If there is any contaminated soil piles currently in use, please list the details of containment, remediation and progress in this section. Ongoing issues with compliance can be identified here. If the NWTWB is aware of ongoing problems with the licence, discussions can occur to find a resolution. Please include any other details of water use or waste disposal as requested by the NWTWB.

10. SNP data

A condition of the Water Licence is the Surveillance Network Program (SNP). The SNP outlines the sampling requirements and frequency at monitoring stations. *In table 4, insert the sites where the Hamlet sampled this year and the sampling period (sampling date). Please attached the complete Taiga laboratory results, when sending your "Municipal Water Licence Annual Report" to the Northwest Territories Water Board.*

Table 4: Sampling station and sampling period

Sampling station	After break-up	Prior to freeze-up
Sewage Lagoon	June 9, 2011	
Sewage Lagoon		September 18, 2011